



JUL 13 2005 10:26 FR ANN ARBOR

734 995 1777 TO 917037464000

P.03/05

PART B - FEE(S) TRANSMITTAL

Mail Stop ISSUE FEE
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Complete and send this form, together with applicable fee(s), to: Mail

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

35484

7590

04/18/2005

BUTZEL LONG
350 SOUTH MAIN STREET
SUITE 300
ANN ARBOR, MI 48104

07/13/2005 HDEMSS2 00000091 122136 10608351

01 FC:1501 1400.00 DA
02 FC:1504 300.00 DA

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Marilynn M. Peterson

(Depositor's name)

Marilynn M. Peterson
July 14, 2005

(Signature)

(Date)

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 10/608,351 | 06/27/2003 | James E. Bratina | 121515-001 | 2884 |

TITLE OF INVENTION: MECHANICAL SEPARATION OF VOLATILE METALS AT HIGH TEMPERATURES

| APPLN. TYPE | SMALL ENTITY | ISSUE FEE | PUBLICATION FEE | TOTAL FEE(S) DUE | DATE DUE |
|-------------------|--------------|-----------|-----------------|------------------|------------|
| nonprovisional | NO | \$1400 | \$300 | \$1700 | 07/18/2005 |
| EXAMINER | | ART UNIT | CLASS-SUBCLASS | | |
| ANDREWS, MELVYN J | | 1742 | 075-401000 | | |

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list
(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1. BUTZEL LONG

2.

3.

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Heritage Environmental Services LLC

Indianapolis, Indiana

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee
☒ Publication Fee (No small entity discount permitted)
☐ Advance Order - # of Copies

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- ☐ A check in the amount of the fee(s) is enclosed.
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☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 12-2136 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

Michael S. Gzybowski
Michael S. Gzybowski

Date July 14, 2005

Typed or printed name

Registration No. 32,816

This collection of information is required by 37 CFR 1.371. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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PTOL-85 (Rev. 12/04) Approved for use through 04/30/2007.

OMB 0651-0033 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

CERTIFICATE OF TRANSMISSION BY FACSIMILE (37 CFR 1.8)

Applicant(s): **James E. BRATINA and Fred M. FEHSENFELD**

Docket No.

121515-0001

Application No.
10/608,351

Filing Date
06/27/2003

Examiner
Melvyn J. ANDREWS

Group Art Unit
1742

Invention: **MECHANICAL SEPARATION OF VOLATILE METALS AT HIGH TEMPERATURE**

I hereby certify that this Transmittal of Payment of Issue Fee, Part B-Fees Transmittal & Fee Transmittal
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Marilynn M. Peterson

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(Signature)

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TO IPE JUL 13 2005

JUL 13 2005 10:25 FR ANN ARBOR

734 995 1777 TO 917037464000

P.02/05

| | |
|--------------------------------------------------------------------------------|---------------------------|
| TRANSMITTAL OF PAYMENT OF ISSUE FEE (Large Entity) (37 C.F.R. 1.311) | Docket No. 121515-0001 |
|--------------------------------------------------------------------------------|---------------------------|

Applicant(s): James E. BRATINA and Fred M. FEHSENFELD

| | | | | | |
|-------------------------------|---------------------------|-------------------------------|-----------------------|------------------------|--------------------------|
| Application No. 10/608,351 | Filing Date 06/27/2003 | Examiner Melvyn J. ANDREWS | Customer No. 35684 | Group Art Unit 1742 | Confirmation No. 2884 |
|-------------------------------|---------------------------|-------------------------------|-----------------------|------------------------|--------------------------|

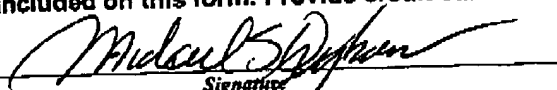
Invention: MECHANICAL SEPARATION OF VOLATILE METALS AT HIGH TEMPERATURE

Mail Stop Issue Fee
COMMISSIONER FOR PATENTS
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Alexandria, VA 22313-1450

Transmitted herewith are the following for the above-identified application.

- ☒ Issue Fee Transmittal Form PTOL-85
- ☒ Utility Fee: \$ 1400.00 ☐ Design Fee: ☐ Plant Fee:
- ☒ Publication Fee: \$ 300.00
- ☐ A check in the amount of is attached.
- ☒ The Director is hereby authorized to charge and credit Deposit Account No. 12-2136 as described below.
- ☒ Charge the amount of
- ☒ Credit any overpayment.
- ☒ Charge any additional fee required.
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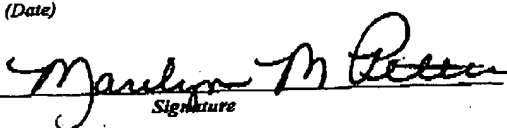
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Signature
Michael S. Gaybowski

Dated: July 14, 2005

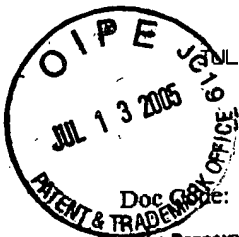
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| Marilynn M. Peterson |
| Typed or Printed Name of Person Signing Certificate |

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| (Date) |
| Signature of Person Mailing Correspondence |
| Typed or Printed Name of Person Mailing Correspondence |



PTO/SB/17 (12-04v2)

Approved for use through 07/31/2006. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Effective on 12/08/2004.
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).**FEE TRANSMITTAL
for FY 2005**☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT (\$)** **\$1,700.00****Complete If Known**

| | |
|----------------------|-------------------|
| Application Number | 10/608,351 |
| Filing Date | 06/27/2003 |
| First Named Inventor | James E. BRATINA |
| Examiner Name | Melvyn J. ANDREWS |
| Art Unit | 1742 |
| Attorney Docket No. | 121515-0001 |

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): _____

☒ Deposit Deposit Account Number: 12-2136 Deposit Account Name: RUTZEL LONG

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below☐ Charge fee(s) indicated below, except for the filing fee☒ Charge any additional fee(s) or any underpayment of fee(s) under 37 CFR 1.16 and 1.17☒ Credit any overpayments

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FEE CALCULATION**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

| Application Type | FILING FEES | | SEARCH FEES | | EXAMINATION FEES | | Fees Paid (\$) |
|------------------|-------------|-----------------------|-------------|-----------------------|------------------|-----------------------|----------------|
| | Fee (\$) | Small Entity Fee (\$) | Fee (\$) | Small Entity Fee (\$) | Fee (\$) | Small Entity Fee (\$) | |
| Utility | 300 | 150 | 500 | 250 | 200 | 100 | |
| Design | 200 | 100 | 100 | 50 | 130 | 65 | |
| Plant | 200 | 100 | 300 | 150 | 160 | 80 | |
| Reissue | 300 | 150 | 500 | 250 | 600 | 300 | |
| Provisional | 200 | 100 | 0 | 0 | 0 | 0 | |

2. EXCESS CLAIM FEES**Fee Description**

Each claim over 20 (including Reissues)

Each independent claim over 3 (including Reissues)

Multiple dependent claims

| Total Claims | Extra Claims | Fee (\$) | Fee Paid (\$) |
|--------------|--------------|----------|---------------|
| - 20 or HP = | x | \$50.00 | = \$0.00 |

HP = highest number of total claims paid for, if greater than 20.

| Indep. Claims | Extra Claims | Fee (\$) | Fee Paid (\$) |
|---------------|--------------|----------|---------------|
| - 3 or HP = | x | \$200.00 | = \$0.00 |

HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listing under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

| Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof | Fee (\$) | Fee Paid (\$) |
|--------------|--------------|--------------------------------------------------|----------|---------------|
| - 100 = | 0 | 0 | \$250.00 | = \$0.00 |

4. OTHER FEE(S)

Non-English specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): **ISSUE AND PUBLICATION FEES****\$1,700.00**

| | | | | | |
|-------------------|-----------------------------|------------------|--------|-----------|---------------|
| SUBMITTED BY | | Registration No. | 32,816 | Telephone | 734.995.3110 |
| Signature | <i>Michael S. Gzybowski</i> | (Attorney/Agent) | | Date | July 14, 2005 |
| Name (Print/Type) | Michael S. Gzybowski | | | | |

This collection of information is required by 37 CFR 1.138. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 422 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1460, Alexandria, VA 22313-1460.

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